

IFC

PATENT APPLICATION

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re application of

Docket No: Q85489

Shigeyuki IWASA, et al.

Appln. No.: 10/519,933 ✓

Group Art Unit: 1745

Confirmation No.: 5310

Examiner: Not Yet Assigned

Filed: May 25, 2005

For: SECONDARY BATTERY

REQUEST FOR CORRECTED OFFICIAL FILING RECEIPT

ATTN: Office of Initial Patent Examination
Filing Receipt Correction

Commissioner for Patents

P.O. Box 1450
Alexandria, VA 22313-1450

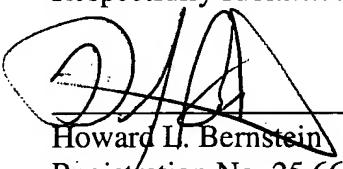
Sir:

We enclose a copy of the Official Filing Receipt for the above-identified application and request the following correction:

Foreign Applications - JAPAN 2003-053885 02/28/2003

Verification for the requested correction is indicated on the Executed Declaration filed May 25, 2005.

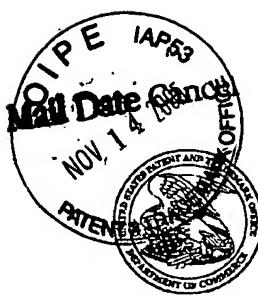
Respectfully submitted,


Howard L. Bernstein
Registration No. 25,665

SUGHRUE MION, PLLC
Telephone: (202) 293-7060
Facsimile: (202) 293-7860

WASHINGTON OFFICE
23373
CUSTOMER NUMBER

Date: November 10, 2005



UNITED STATES PATENT AND TRADEMARK OFFICE

UNITED STATES DEPARTMENT OF COMMERCE
United States Patent and Trademark Office
Address: COMMISSIONER FOR PATENTS
P.O. Box 1450
Alexandria, Virginia 22313-1450
www.uspto.gov

| APPL NO. | FILING OR 371 (c) DATE | ART UNIT | FIL FEE REC'D | ATTY.DOCKET NO | DRAWINGS | TOT CLMS | IND CLMS |
|------------|---------------------------|----------|---------------|----------------|----------|----------|----------|
| 10/519,933 | 05/25/2005 | 1745 | 1230 | Q85489 | 1 | 12 | 4 |

CONFIRMATION NO. 5310

23373
SUGHRUE MION, PLLC
2100 PENNSYLVANIA AVENUE, N.W.
SUITE 800
WASHINGTON, DC 20037

FILING RECEIPT



OC000000016246388

Date Mailed: 08/01/2005

Receipt is acknowledged of this regular Patent Application. It will be considered in its order and you will be notified as to the results of the examination. Be sure to provide the U.S. APPLICATION NUMBER, FILING DATE, NAME OF APPLICANT, and TITLE OF INVENTION when inquiring about this application. Fees transmitted by check or draft are subject to collection. Please verify the accuracy of the data presented on this receipt. If an error is noted on this Filing Receipt, please mail to the Commissioner for Patents P.O. Box 1450 Alexandria Va 22313-1450. Please provide a copy of this Filing Receipt with the changes noted thereon. If you received a "Notice to File Missing Parts" for this application, please submit any corrections to this Filing Receipt with your reply to the Notice. When the USPTO processes the reply to the Notice, the USPTO will generate another Filing Receipt incorporating the requested corrections (if appropriate).

Applicant(s)

Shigeyuki Iwasa, Tokyo, JAPAN;
Hiroyuki Nishide, Tokyo, JAPAN; -

Power of Attorney: The patent practitioners associated with Customer Number 23373. -

Domestic Priority data as claimed by applicant

This application is a 371 of PCT/JP04/02468 03/01/2004 -

Foreign Applications

JAPAN 2003-053885 02/28/2003

Projected Publication Date: To Be Determined - pending completion of Security Review

Non-Publication Request: No

Early Publication Request: No

Title

Secondary battery -

Preliminary Class

429

PROTECTING YOUR INVENTION OUTSIDE THE UNITED STATES

Since the rights granted by a U.S. patent extend only throughout the territory of the United States and have no effect in a foreign country, an inventor who wishes patent protection in another country must apply for a patent in a specific country or in regional patent offices. Applicants may wish to consider the filing of an international application under the Patent Cooperation Treaty (PCT). An international (PCT) application generally has the same effect as a regular national patent application in each PCT-member country. The PCT process **simplifies** the filing of patent applications on the same invention in member countries, but **does not result** in a grant of "an international patent" and does not eliminate the need of applicants to file additional documents and fees in countries where patent protection is desired.

Almost every country has its own patent law, and a person desiring a patent in a particular country must make an application for patent in that country in accordance with its particular laws. Since the laws of many countries differ in various respects from the patent law of the United States, applicants are advised to seek guidance from specific foreign countries to ensure that patent rights are not lost prematurely.

Applicants also are advised that in the case of inventions made in the United States, the Director of the USPTO must issue a license before applicants can apply for a patent in a foreign country. The filing of a U.S. patent application serves as a request for a foreign filing license. The application's filing receipt contains further information and guidance as to the status of applicant's license for foreign filing.

Applicants may wish to consult the USPTO booklet, "General Information Concerning Patents" (specifically, the section entitled "Treaties and Foreign Patents") for more information on timeframes and deadlines for filing foreign patent applications. The guide is available either by contacting the USPTO Contact Center at 800-786-9199, or it can be viewed on the USPTO website at <http://www.uspto.gov/web/offices/pac/doc/general/index.html>.

**LICENSE FOR FOREIGN FILING UNDER
Title 35, United States Code, Section 184
Title 37, Code of Federal Regulations, 5.11 & 5.15**

GRANTED

The applicant has been granted a license under 35 U.S.C. 184, if the phrase "IF REQUIRED, FOREIGN FILING LICENSE GRANTED" followed by a date appears on this form. Such licenses are issued in all applications where the conditions for issuance of a license have been met, regardless of whether or not a license may be required as set forth in 37 CFR 5.15. The scope and limitations of this license are set forth in 37 CFR 5.15(a) unless an earlier license has been issued under 37 CFR 5.15(b). The license is subject to revocation upon written notification. The date indicated is the effective date of the license, unless an earlier license of similar scope has been granted under 37 CFR 5.13 or 5.14.

This license is to be retained by the licensee and may be used at any time on or after the effective date thereof unless it is revoked. This license is automatically transferred to any related applications(s) filed under 37 CFR 1.53(d). This license is not retroactive.

The grant of a license does not in any way lessen the responsibility of a licensee for the security of the subject matter as imposed by any Government contract or the provisions of existing laws relating to espionage and the national security or the export of technical data. Licensees should apprise themselves of current regulations especially with respect to certain countries, of other agencies, particularly the Office of Defense Trade Controls, Department of State (with respect to Arms, Munitions and Implements of War (22 CFR 121-128)); the Office of Export Administration, Department of Commerce (15 CFR 370.10 (j)); the Office of Foreign Assets Control, Department of Treasury (31 CFR Parts 500+) and the Department of Energy.

NOT GRANTED

No license under 35 U.S.C. 184 has been granted at this time, if the phrase "IF REQUIRED, FOREIGN FILING LICENSE GRANTED" DOES NOT appear on this form. Applicant may still petition for a license under 37 CFR 5.12, if a license is desired before the expiration of 6 months from the filing date of the application. If 6 months has lapsed from the filing date of this application and the licensee has not received any indication of a secrecy order under 35 U.S.C. 181, the licensee may foreign file the application pursuant to 37 CFR 5.15(b).



PATENT APPLICATION

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In re application of

Docket No: Q85489

Shigeyuki IWASA, et al.

Appln. No.: 10/519,933

Group Art Unit: 1745

Confirmation No.: 5310

Examiner: Not Yet Assigned

Filed: May 25, 2005

For: SECONDARY BATTERY

**REQUEST FOR CORRECTED NOTICE OF ACCEPTANCE OF APPLICATION
UNDER 35 U.S.C. § 371 AND 37 C.F.R. § 1.495**

ATTN: Office of Initial Patent Examination
Filing Receipt Correction

Commissioner for Patents

P.O. Box 1450

Alexandria, VA 22313-1450

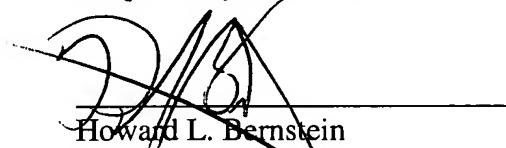
Sir:

We enclose a copy of the Notice of Acceptance of Application under 35 U.S.C. 371 and CFR 1.495 for the above-identified application and request the following correction:

PRIORITY DATE - 02/28/2003

Verification for the requested correction is indicated on the Executed Declaration filed May 25, 2005.

Respectfully submitted,


Howard L. Bernstein
Registration No. 25,665

SUGHRUE MION, PLLC
Telephone: (202) 293-7060
Facsimile: (202) 293-7860

WASHINGTON OFFICE

23373

CUSTOMER NUMBER

Date: November 10, 2005



UNITED STATES PATENT AND TRADEMARK OFFICE

UNITED STATES DEPARTMENT OF COMMERCE
 United States Patent and Trademark Office
 Address: COMMISSIONER FOR PATENTS
 P.O. Box 1450
 Alexandria, Virginia 22313-1450
 www.uspto.gov

| U.S. APPLICATION NUMBER NO. | FIRST NAMED APPLICANT | ATTY. DOCKET NO. |
|-----------------------------|-----------------------|------------------|
| 10/519,933 | Shigeyuki Iwasa | Q85489 |

INTERNATIONAL APPLICATION NO.

PCT/JP04/02468

I.A. FILING DATE

03/01/2004

PRIORITY DATE

02/28/2003

CONFIRMATION NO. 5310

371 ACCEPTANCE LETTER



OC000000016246389

23373
 SUGHRUE MION, PLLC
 2100 PENNSYLVANIA AVENUE, N.W.
 SUITE 800
 WASHINGTON, DC 20037

AUG 8 2005

Date Mailed: 08/01/2005

NOTICE OF ACCEPTANCE OF APPLICATION UNDER 35 U.S.C 371 AND 37 CFR 1.495

The applicant is hereby advised that the United States Patent and Trademark Office in its capacity as a Designated / Elected Office (37 CFR 1.495), has determined that the above identified international application has met the requirements of 35 U.S.C. 371, and is ACCEPTED for national patentability examination in the United States Patent and Trademark Office.

The United States Application Number assigned to the application is shown above and the relevant dates are:

05/25/2005

05/25/2005

DATE OF RECEIPT OF 35 U.S.C. 371(c)(1), (c)(2) and
(c)(4) REQUIREMENTSDATE OF COMPLETION OF ALL 35 U.S.C. 371
REQUIREMENTS

A Filing Receipt (PTO-103X) will be issued for the present application in due course. **THE DATE APPEARING ON THE FILING RECEIPT AS THE " FILING DATE" IS THE DATE ON WHICH THE LAST OF THE 35 U.S.C. 371 (c)(1), (c)(2) and (c)(4) REQUIREMENTS HAS BEEN RECEIVED IN THE OFFICE. THIS DATE IS SHOWN ABOVE. The filing date of the above identified application is the international filing date of the international application (Article 11(3) and 35 U.S.C. 363).** Once the Filing Receipt has been received, send all correspondence to the Group Art Unit designated thereon.

The following items have been received:

- Copy of the International Application filed on 12/29/2004
- Copy of the International Search Report filed on 12/29/2004
- Copy of IPE Report filed on 12/29/2004
- Information Disclosure Statements filed on 12/29/2004
- Oath or Declaration filed on 05/25/2005
- Request for Immediate Examination filed on 12/29/2004
- Copy of references cited in ISR filed on 12/29/2004
- U.S. Basic National Fees filed on 12/29/2004
- Priority Documents filed on 12/29/2004

Applicant is reminded that any communications to the United States Patent and Trademark Office must be mailed to the address given in the heading and include the U.S. application no. shown above (37 CFR 1.5)

MAMIE P PERSON
Telephone: (703) 308-9140 EXT 227

PART 1 - ATTORNEY/APPLICANT COPY

FORM PCT/DO/EO/903 (371 Acceptance Notice)



Docket No.:

DECLARATION AND POWER OF ATTORNEY FOR UTILITY OR DESIGN PATENT APPLICATION (37 CFR 1.63)

As a below named inventor, I hereby declare that: My residence, mailing address, and citizenship are as stated below next to my name. I believe I am the original, first and sole inventor (if only one name is listed below) or an original, first and joint inventor (if plural names are listed below) of the subject matter which is claimed and for which a patent is sought on the invention entitled:

Secondary Battery

the application of which

is attached hereto

OR

was filed on March 1, 2004 as United States Application Number or PCT International Application Number PCT/JP2004/002468 and was amended on _____ (if applicable).

I hereby state that I have reviewed and understand the contents of the above identified application, including the claims, as amended by any amendment specifically referred to above.

I acknowledge the duty to disclose information which is material to patentability as defined in 37 CFR 1.56, including for continuation-in-part application(s), material information which became available between the filing date of the prior application and the national or PCT international filing date of the continuation-in-part application.

I hereby claim foreign priority under 35 U.S.C. 119(a)-(d) or (f), or 365(b) of any foreign application(s) for patent, inventor's or plant breeder's rights certificate(s), or 365(a) of any PCT international application(s) which designated at least one country other than the United States of America, listed below and have also identified below, by checking the box, any foreign application(s) for patent, inventor's or plant breeder's rights certificate(s), or any PCT international application(s) having a filing date before that of the application on which priority is claimed.

| Prior Application Number(s) | Country | Filing Date | Priority Claimed | |
|-----------------------------|---------|-------------------|-------------------------------------|--------------------------|
| | | | Yes | No |
| 2003-053885 | Japan | February 28, 2003 | <input checked="" type="checkbox"/> | <input type="checkbox"/> |

I hereby claim benefit under 35 United States Code §119(e) of any United States provisional application(s) listed below.

| Application Number(s) | Filing Date |
|-----------------------|-------------|
|-----------------------|-------------|

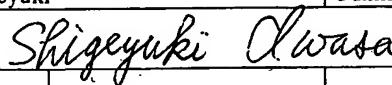
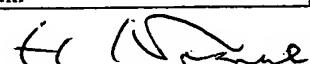
I hereby claim benefit under 35 United States Code §120 of any United States application(s) or §365(c) of any PCT International application(s) designating the United States, listed below and, insofar as the subject matter of each of the claims of this application is not disclosed in a listed prior United States or PCT International application in the manner provided by the first paragraph of Title 35, United States Code, §112, I acknowledge my duty to disclose any information material to the patentability of this application as defined in 37 C.F.R. 1.56 which occurred between the filing date of the prior application and the national or PCT international filing date of this application:

| Prior U.S. or International Application Number(s) | U.S. or International Filing Date | Status |
|---|-----------------------------------|--------|
|---|-----------------------------------|--------|

I hereby appoint all attorneys of **SUGHRUE MION, PLLC** who are listed under the USPTO Customer Number shown below as my attorneys to prosecute this application and to transact all business in the United States Patent and Trademark Office connected therewith, recognizing that the specific attorneys listed under that Customer Number may be changed from time to time at the sole discretion of Sughrue Mion, PLLC, and request that all correspondence about the application be addressed to the address filed under the same USPTO Customer Number.

WASHINGTON OFFICE
23373
CUSTOMER NUMBER

I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under 18 U.S.C. 1001 and that such willful false statements may jeopardize the validity of the application or any patent issued thereon.

| NAME OF SOLE OR FIRST INVENTOR: | | | |
|--|---|--------------------------------|----------------------|
| Given Name (first and middle [if any]) Shigeyuki | | Family Name or Surname IWASA | |
| Inventor's Signature | <i>Shigeyuki Iwasa</i>  | | Date January 7, 2005 |
| Residence: City Tokyo | State | Country Japan | Citizenship Japanese |
| Mailing Address: c/o NEC Corporation, 7-1, Shiba 5-chome, Minato-ku, | | | |
| City Tokyo | State | Zip 108-8001 | Country Japan |
| NAME OF SECOND INVENTOR: | | | |
| Given Name (first and middle [if any]) Hiroyuki | | Family Name or Surname NISHIDE | |
| Inventor's Signature | <i>Hiroyuki Nishide</i>  | | Date January 7, 2005 |
| Residence: City Tokyo | State | Country Japan | Citizenship Japanese |
| Mailing Address: c/o Waseda University, 4-1, Okubo 3-chome, Shinjuku-ku, | | | |
| City Tokyo | State | Zip 169-8555 | Country Japan |



Docket No.:

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Secondary Battery

the application of which
 is attached hereto

OR

was filed on March 1, 2004 as United States Application Number or
PCT International Application Number PCT/JP2004/002468
and was amended on _____
(if applicable).

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| Prior Application Number(s) | Country | Filing Date | Priority Claimed | |
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| | | | Yes | No |
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| Application Number(s) | Filing Date |
|-----------------------|-------------|
|-----------------------|-------------|

I hereby claim benefit under 35 United States Code §120 of any United States application(s) or §365(c) of any PCT International application(s) designating the United States, listed below and, insofar as the subject matter of each of the claims of this application is not disclosed in a listed prior United States or PCT International application in the manner provided by the first paragraph of Title 35, United States Code, §112, I acknowledge my duty to disclose any information material to the patentability of this application as defined in 37 C.F.R. 1.56 which occurred between the filing date of the prior application and the national or PCT international filing date of this application:

| Prior U.S. or International Application Number(s) | U.S. or International Filing Date | Status |
|---|-----------------------------------|--------|
|---|-----------------------------------|--------|

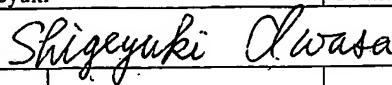
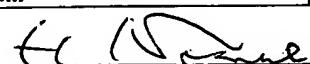
I hereby appoint all attorneys of **SUGHRUE MION, PLLC** who are listed under the USPTO Customer Number shown below as my attorneys to prosecute this application and to transact all business in the United States Patent and Trademark Office connected therewith, recognizing that the specific attorneys listed under that Customer Number may be changed from time to time at the sole discretion of Sughrue Mion, PLLC, and request that all correspondence about the application be addressed to the address filed under the same USPTO Customer Number.

WASHINGTON OFFICE

23373

CUSTOMER NUMBER

I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under 18 U.S.C. 1001 and that such willful false statements may jeopardize the validity of the application or any patent issued thereon.

| NAME OF SOLE OR FIRST INVENTOR: | | | |
|--|-------|--------------------------------|----------------------|
| Given Name (first and middle [if any]) Shigeyuki | | Family Name or Surname IWASA | |
| Inventor's Signature  | | Date January 7, 2005 | |
| Residence: City Tokyo | State | Country Japan | Citizenship Japanese |
| Mailing Address: c/o NEC Corporation, 7-1, Shiba 5-chome, Minato-ku, | | | |
| City Tokyo | State | Zip 108-8001 | Country Japan |
| NAME OF SECOND INVENTOR: | | | |
| Given Name (first and middle [if any]) Hiroyuki | | Family Name or Surname NISHIDE | |
| Inventor's Signature  | | Date January 7, 2005 | |
| Residence: City Tokyo | State | Country Japan | Citizenship Japanese |
| Mailing Address: c/o Waseda University, 4-1, Okubo 3-chome, Shinjuku-ku, | | | |
| City Tokyo | State | Zip 169-8555 | Country Japan |